| L Number | Hits    |   | DB    | Time stamp       |
|----------|---------|---|-------|------------------|
| 1        | 586     | (FACCH or SACCH ) and ( control channel\$1)   | USPAT | 2003/12/14 21:02 |
| 2        | 2492896 | first error correction adj detection code   | USPAT | 2003/12/14 21:03 |
| 3        | 570     | ((FACCH or SACCH ) and ( control channel\$1)) and (first error  | USPAT | 2003/12/14 21:06 |
|          |         | correction adj detection code)  |       | ,                |
| 5        | 349379  | FIRE code   | USPAT | 2003/12/14 21:07 |
| 6        | 430353  | CRC or cyclic redundancy check  | USPAT | 2003/12/14 21:07 |
| 7        | 10298   | replac\$3 and (( FIRE code) with (CRC or cyclic redundancy  | USPAT | 2003/12/14 21:07 |
| •        | 10230   | check))   | OSIAI | 2003/12/11 21.07 |
| 8        | 66      | (((FACCH or SACCH)) and (control channel\$1)) and (first error correction adj detection code)) and (replac\$3 and ((FIRE code)) with (CRC or cyclic redundancy check)))   | USPAT | 2003/12/14 21:07 |
| 9        | 979975  | inband signal\$3  | USPAT | 2003/12/14 21:08 |
| 10       | 65      | ((((FACCH or SACCH ) and ( control channel\$1)) and (first error  | USPAT | 2003/12/14 21:08 |
|          |         | correction adj detection code)) and (replac\$3 and (( FIRE code) with (CRC or cyclic redundancy check)))) and (inband signal\$3)  |       |                  |
| 11       | 2413888 | second error detecting code   | USPAT | 2003/12/14 21:09 |
| 12       | 65      | (((((FACCH or SACCH)) and (control channel\$1)) and (first error correction adj detection code)) and (replac\$3 and ((FIRE code) with (CRC or cyclic redundancy check)))) and (inband signal\$3)) and (second error detecting code)   | USPAT | 2003/12/14 21:09 |
| 13       | 335857  | adjust\$3 with block length\$1 with tail bit\$1   | USPAT | 2003/12/14 21:10 |
| 14       | 65      | ((((((FACCH or SACCH)) and (control channel\$1)) and (first error correction adj detection code)) and (replac\$3 and ((FIRE code) with (CRC or cyclic redundancy check)))) and (inband signal\$3)) and (second error detecting code)) and (adjust\$3 with block length\$1 with tail bit\$1) | USPAT | 2003/12/14 21:10 |
| 15       | 257426  | convolutional code  | USPAT | 2003/12/14 21:10 |
| · 16     | 65      | ((((((((((((((((((((((((((((((((((((((  | USPAT | 2003/12/14 21:10 |
| 17       | 991044  | replac\$3 fire code with shorter CRC code   | USPAT | 2003/12/14 21:11 |
| 18       | 65      | ((((((((((((((((((((((((((((((((((((((  | USPAT | 2003/12/14 21:11 |
| 19       | 563319  | insert dummy bit\$1   | USPAT | 2003/12/14 21:11 |
| 20       | 65      | ((((((((((((((((((((((((((((((((((((((  | USPAT | 2003/12/14 21:12 |
| 21       | 308141  | interleav\$3 with resulting bit\$1  | USPAT | 2003/12/14 21:12 |
| 22       | 65      | ((((((((((((((((((((((((((((((((((((((  | USPAT | 2003/12/14 21:12 |
| 23       | 970858  | replac\$3 dummy bit\$1 with signal\$3 bit\$1  | USPAT | 2003/12/14 21:13 |

| •  |         |  |           |                  |
|----|---------|--|-----------|------------------|
| 24 | 65      | error correction adj detection code)) and (replac\$3 and (( FIRE code) with (CRC or cyclic redundancy check)))) and (inband        | USPAT     | 2003/12/14 21:13 |
|    |         | signal\$3)) and (second error detecting code)) and (adjust\$3 with   |           |                  |
|    | İ       | block length\$1 with tail bit\$1)) and (convolutional code)) and   |           |                  |
|    |         | (replac\$3 fire code with shorter CRC code)) and (insert dummy   |           |                  |
|    |         | bit\$1)) and (interleav\$3 with resulting bit\$1)) and (replac\$3 dummy bit\$1 with signal\$3 bit\$1)                              |           |                  |
| 25 | 1520816 | base transceiver station   | USPAT     | 2003/12/14 21:13 |
| 27 | 329226  |  | USPAT     | 2003/12/14 21:13 |
| 28 | 252074  |  | USPAT     | 2003/12/14 21:14 |
| 29 | 65      | ((((((((((((((((((((((((((((((((((((((   | USPAT     | 2003/12/14 21:16 |
|    |         | error correction adj detection code)) and (replac\$3 and (( FIRE   | 00.71.    | 2000,12,112110   |
|    |         | code) with (CRC or cyclic redundancy check)))) and (inband   | •         |                  |
|    |         | signal\$3)) and (second error detecting code)) and (adjust\$3 with   |           |                  |
|    |         | block length\$1 with tail bit\$1)) and (convolutional code)) and   | i '       |                  |
|    |         | (replac\$3 fire code with shorter CRC code)) and (insert dummy   |           |                  |
|    |         | bit\$1)) and (interleav\$3 with resulting bit\$1)) and (replac\$3  |           |                  |
|    |         | dummy bit\$1 with signal\$3 bit\$1)) and ((mobile station) with  |           |                  |
|    |         | (base transceiver station))  | l <u></u> |                  |
| 30 | 1542    |  | USPAT     | 2003/12/14 21:18 |
| 24 |         | 714/752.ccls. or 370/?.ccls.   | LICDAT    | 2002/42/44 24 40 |
| 31 | 4.      | (((((((((((((((((((((((((((((((((((((((  | USPAT     | 2003/12/14 21:18 |
|    |         | (first error correction adj detection code)) and (replac\$3 and ((   |           |                  |
|    |         | FIRE code) with (CRC or cyclic redundancy check)))) and (inband signal\$3)) and (second error detecting code)) and (adjust\$3 with |           |                  |
|    |         | block length\$1 with tail bit\$1)) and (convolutional code)) and   |           |                  |
|    |         | (replac\$3 fire code with shorter CRC code)) and (insert dummy   |           |                  |
|    |         | bit\$1)) and (interleav\$3 with resulting bit\$1)) and (replac\$3  |           |                  |
|    |         | dummy bit\$1 with signal\$3 bit\$1)) and ((mobile station) with  |           |                  |
|    |         | (base transceiver station))) and (714/755.ccls. or 714/786.ccls. or  |           |                  |
|    |         | 714/701.ccls. or 714/710.ccls. or 714/752.ccls. or 370/?.ccls.)  |           |                  |